



IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A radio frequency power supply structure for use in a device generating plasma by charging a plate-like electrode, facing an earth electrode, with a radio frequency power, said radio frequency power supply structure supplying said plate-like electrode with the radio frequency power from an RF cable, wherein said RF cable is positioned on an extended plane of a plane formed by said plate-like electrode to connect to said plate-like electrode,

wherein a core cable of said RF cable connects to said plate-like electrode so as to form a smoothly curved continuous surface at a connecting portion provided between [[a]] the core cable of the RF cable and the plate-like electrode, on an end peripheral portion of said plate-like electrode,

wherein said plate-like electrode forms a longitudinal grid plate shape facing said earth electrode having two lateral electrodes forming two mutually opposed end peripheral portions of said plate-like electrode, and a plurality of longitudinal electrodes arranged between said two lateral electrodes so as to connect to said two lateral electrodes.

Claim 2 (Previously Presented): A radio frequency power supply structure as claimed in Claim 1, wherein the end peripheral portion of said plate-like electrode where said connecting portion is provided forms a right angle to said RF cable on said plane formed by said plate-like electrode at said connecting portion.

Claim 3 (Canceled).

Claim 4 (Currently Amended): A radio frequency power supply structure as claimed in Claim ~~[[3]]~~ 1, wherein said RF cable is directed in parallel with said plurality of longitudinal electrodes to connect to said plate-like electrode at said connecting portion.

Claim 5 (Original): A radio frequency power supply structure as claimed in Claim 4, wherein said RF cable directly connects to one of said plurality of longitudinal electrodes at said connecting portion.

Claim 6 (Canceled).

Claim 7 (Previously Presented): A radio frequency power supply structure as claimed in Claim 1, wherein an outer shell, functioning as earth, of said RF cable has a front end elongated to the position of said plate-like electrode at said connecting portion to form an elongated portion that covers said connecting portion.

Claim 8 (Currently Amended): A plasma CVD device comprising a radio frequency power supply structure as claimed in any one of Claims ~~1, 2, and 4-7~~ 1, 2, 4, 5, and 7.